From the INTERNATIONAL SEARCHING AUTHORITY

Applicant's or agent's file reference	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1) Date of Mailing (day/month/year) 24 MAY 2004 FOR FURTHER ACTION See paragraphs 1 and 4 below					
International application No. PCT/US03/35282	International filing date (day/month/year) 04 November 2003 (04.11.2003)					
Applicant DANA-FARBER CANCER INSTITUTE, INC.						
1. The applicant is hereby notified that the international search report has been established and is transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Where? Directly to the International Bureau of WIPO, 34, chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35 For more detailed instructions, see the notes on the accompanying sheet. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.						
applicant wishes to avoid or postpone publication, a notice of with reach the International Bureau as provided in Rules 90 bis.1 preparations for international publication. Within 19 months from the priority date, but only in respect examination must be filed if the applicant wishes to postpone the (in some Offices even later); otherwise the applicant must, with entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months.	and application will be published by the International Bureau. If the hdrawal of the international application, or of the priority claim, must and 90 bis.3, respectively, before the completion of the technical of some designated Offices, a demand for international preliminary entry into the national phase until 30 months from the priority date in 20 months from the priority date, perform the prescribed acts for as (or later) will apply even if no demand is filed within 19 months. plicable time limits, Office by Office, see the PCT Applicant's Guide,					
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 Form PCT/ISA/220 (April 2002)	Authorized officer Dell-Harry Telephone No. (571) 272-1600 (See notes on accompanying sheet)					

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Docket Cross Off Previously Entered ☐ No Docketing Req. C) EUTE La da Comban



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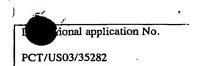
INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 20363-013	FOR FURTHER	(Form PC	cation of Transmittal of International Search Report T/ISA/220) as well as, where applicable, item 5				
	ACTION International filing date (day/mo	below.	(Earliest) Priority Date (day/month/year)				
International application No. PCT/US03/35282		International filing date (day/month/year) (Earliest) 04 November 2003 (04.11.2003) 04 Novem					
Applicant							
DANA-FARBER CANCER INSTITU	re, inc.						
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.							
This international search report cons	ists of a total of sheets.						
It is also accompa	nied by a copy of each prior art doc	ument cite	ed in this report.				
	13						
1. Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.							
1		lation of th	ne international application furnished to this				
Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:							
1 —	ional application in written form.						
	ternational application in computer r	eadable for	m.				
! _	o this Authority in written form.						
furnished subsequently t	o this Authority in computer readable	form.					
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.							
	the statement that the information recorded in computer readable form is identical to the written sequence listing has						
 	e found unsearchable (See Box I).						
3. Unity of invention is la							
4. With regard to the title,							
the text is approved as s	ubmitted by the applicant.						
the text has been establi	shed by this Authority to read as follo	ows:					
5. With regard to the abstract,							
the text is approved as s	ubmitted by the applicant.						
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The app may, within one month from the date of mailing of this international search report, submit comments to this Authority.							
6. The figure of the drawings to be published with the abstract is Figure No.							
as suggested by the appl			None of the figures				
because the applicant fa	iled to suggest a figure.						
because this figure bette	r characterizes the invention.						

Form PCT/ISA/210 (first sheet) (July 1998)





Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)					
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:					
1. Claim Nos.: because they relate to subject matter not required to be searched by this Authority, namely:					
2. Claim Nos.: 5,12 and 27 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: because Applicant did not provide a sequence listing and CRF for sequence compliance.)				
3. Claim Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)					
This International Searching Authority found multiple inventions in this international application, as follows:					
 As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invit payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: 					
4. No required additional search fees were timely paid by the applicant. Consequently, this international search reprise restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	ort				

Form PCT/ISA/210 (continuation of first sheet(1)) (July 1998)



International an

International application No.

PCT/US03/35282

	SSIFICATION OF SUBJECT MATTER : C07H 21/04; G01N 33/00; C12N 15/00					
IPC(7) US CL	: 800/3, 21; 536/24.1					
According to International Patent Classification (IPC) or to both national classification and IPC						
	DS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 800/3, 21; 536/24.1						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched US application 60/423,673						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST, Medline, PALM						
	UMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a			Relevant to claim No.		
Y	US 2002/0053092 A1 (READHEAD et al.) 2 May 2002 (02.05.2002) entire reference for making transgenic animals with specific promoters including the cyclin A promoter that has an E2F element.			1-4, 6-11, 13-26, 28- 34		
Y	Genbank entry AF516106 05 June 2002 (05.06.2002) specific sequence of E2F known at the time of filing, may comprise SEQ ID NO: 1 as evidenced by the disclosure			1-4, 6-11, 13-26, 28- 34		
Furthe	r documents are listed in the continuation of Box C.		See patent family annex.			
* 5	special categories of cited documents:	"T"	later document published after the in priority date and not in conflict with			
"A" documen	t defining the general state of the art which is not considered to ticular relevance		understand the principle or theory un			
·	pplication or patent published on or after the international filing	"X"	document of particular relevance; the considered novel or cannot be considered when the document is taken along the constant of the constant o	lered to involve an inventive		
	t which may throw doubts on priority claim(s) or which is cited ish the publication date of another citation or other special reason fied)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such				
"O" documen	it referring to an oral disclosure, use, exhibition or other means	combination being obvious to a person skilled in the art				
	t published prior to the international filing date but later than the	*&*	document member of the same patent			
Date of the	actual completion of the international search	Date of mailing of the international search report 24 MAY 2004				
	od (14.04.2004) uailing address of the ISA/US	Authoriz	ed officer			
1	il Stop PCT, Attn: ISA/US					
	mmissioner for Patents	Joseph T. Woitach				
	P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. (571) -272-/600					
Facsimile N	o. (703) 305-3230					

Form PCT/ISA/210 (second sheet) (July 1998)



NOTESTO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.